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Examiner	U.S.Patent Document	Name of Patentee or Applicant	Date of Publication of _ Cited Document	Filing Date if Appropriate
Initials *	Number	of Cited Document	MM-DD-YYYY	` .
TH	4,694,490	Harvey et al.	9/15/1987	11/3/1981
1	4,704,725	Harvey et al.	11/3/1987	2/14/1986
	4,706,121	Young	11/10/1987	5/6/1986
	4,751,578	Reiter et al.	6/14/1988	5/28/1985
	4,774,511	Rumbolt et al.	9/27/1988	5/30/1985
	4,959,810	Darbee et al.	9/25/1990	12/2/1987
	4,959,862	Davidov et al.	9/25/1990	4/28/1988
	4,965,825	Harvey et al.	10/23/1990	9/11/1987
	4,977,455	Young	12/11/1990	7/15/1988
	5,031,046	Bruggemann	7/9/1991	6/1/1990

	FOREIGN PATENT DOCUMENTS								
Examiner	Foreign F	Patent Document		Name of Patentee or Applicant	Date of Publication of	Translation?			
Initials *	Office or Country	Number	Date	of Cited Document	Cited Document MM-DD-YYYY	Yes/No			
TH	PCT	WO 94/13107	12/2/1993	Discovery Communications, Inc.	6/9/1994	No			
\	PCT	WO 98/00968	6/12/1997	FCA Corporation	1/8/1998	No			
	EPO	EP 0 741 479	5/1/1996	Sony Corporation	11/6/1996	No			
	EPO	EP 0 790 738	1/31/1997	Sony Corporation	8/20/1997	No			
	EPO	EP 0 822 711	8/1/1997	Sanyo Electronic Co., Ltd.	2/4/1998	No			

	OTHER DOCUMENTS	
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	Search Report for PCT/IB 99/00843; mailed 7/19/1999; 6 pgs	

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		U.S. PATENT DOCUMENTS		. •
Examiner Initials *	U.S.Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Filing Date if Appropriate
L	Number	of Cited Document	MM-DD-YYYY	
TH	5,038,211	Hallenbeck	8/6/1991	7/5/1989
	5,109,414	Harvey et al.	4/28/1992	9/25/1990
	5,151,789	Young	9/29/1992	10/17/1991
	5,214,622	Nemoto et al.	5/25/1993	4/26/1991
	5,228,077	Darbee	7/13/1993	9/24/1990
	5,233,654	Harvey et al.	8/3/1993	3/10/1992
	5,255,313	Darbee	10/19/1993	4/8/1993
	5,293,357	Hallenbeck	3/8/1994	9/10/1990
	5,307,173	Yuen et al.	4/26/1994	2/3/1992
	5,335,079	Yuen et al.	8/2/1994	3/27/1991

	FOREIGN PATENT DOCUMENTS								
Examiner		Foreign P	atent Document		Name of Patentee or Applicant	Date of Publication of	Translation?		
Initials *		Office or Country	Number	Date	of Cited Document	Cited Document MM-DD-YYYY	Yes/No		
77		EPO	EP 0 834 798	10/7/1997	Compaq Computer Corporation	4/8/1998	No		

	OTHER DOCUMENTS			
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U.S. PATENT DOCUMENTS Date of Publication of **U.S.Patent Document** Examiner Filing Date if Appropriate Name of Patentee or Applicant Cited Document Initials Number of Cited Document MM-DD-YYYY 8/2/1994 5,335,277 Harvey et al. 5/3/1993 Young et al. 10/4/1994 3/19/1993 5,353,121 1/17/1995 Kwoh et al. 9/8/1993 5.382,983 O'Donnell et al. 5,414,426 5/9/1995 12/11/1992 Darbee 5/9/1995 10/8/1993 5,414,761 8/15/1995 9/13/1994 5,442,708 Adams, Jr., et al. 5,444,782 Adams, Jr., et al. 8/22/1995 1/19/1994 6/22/1994 Yuen et al. 12/12/1995 5,475,382 Young et al. 5,479,266 12/26/1995 6/7/1995 12/26/1995 2/18/1994 5,479,268 Young et al.

	FOREIGN PATENT DOCUMENTS							
Examiner	Foreign Pa	itent Document		Name of Patentee or Applicant	Date of Publication of	Translation?		
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	OTHER DOCUMENTS					
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			U.S.	PATENT DOCUMENTS			

		U.S. PATENT DOCUMENTS		
Examiner	U.S.Patent Document	Name of Patentee or Applicant	Date of Publication of Cited Document	Filing Date if Appropriate
Initials *	Number	of Cited Document	MM-DD-YYYY	
TH	5,481,256	Darbee et al.	1/2/1996	11/29/1993
	5,502,504	Marshall et al.	3/26/1996	4/28/1994
	5,515,052	Darbee	5/7/1996	8/16/1994
	5,515,173	Mankovitz et al.	5/7/1996	6/2/1993
	5,523,796	Marshall et al.	6/4/1996	5/20/1994
	5,532,732	Yuen et al.	7/2/1996	9/16/1993
	5,532,754	Young et al.	7/2/1996	4/11/1994
	5,537,463	Escobosa et al.	7/16/1996	5/31/1994
	5,539,391	Yuen	7/23/1996	9/22/1994
	5,544,741	Fantone et al.	8/13/1996	4/1/1994

	FOREIGN PATENT DOCUMENTS									
Examiner Initials *		Foreign Pa	tent Document		Name of Patentee or Applicant	Date of Publication of Translation?				
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		U.S. PATENT DOCUMENTS	<u> </u>	
Examiner Initials *	U.S.Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
14	5,550,576	Klosterman	8/27/1996	4/17/1995
1	5,552,837	Mankovitz	9/3/1996	3/1/1995
	5,552,917	Darbee et al.	9/3/1996	9/29/1994
	5,553,123	Chan et al.	9/3/1996	6/9/1994
	5,559,550	Mankovitz	9/24/1996	4/13/1995
	5,588,526	Fantone et al.	12/31/1996	11/14/1994
	5,614,906	Hayes et al.	3/25/1997	4/23/1996
	5,619,274	Roop et al.	4/8/1997	5/13/1994
	5,619,383	Ngai	4/8/1997	5/5/1995
	5,640,456	Adams, Jr. et al.	6/17/1997	7/10/1995

	FOREIGN PATENT DOCUMENTS									
Examiner Initials *	Fore	eign Patent Document		Name of Patentee or Applicant	Date of Publication of	Translation?				
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		U.S. PATENT DOCUMENTS		
Examiner	U.S.Patent Document	Name of Patentee or Applicant	Date of Publication of Cited Document	Filing Date if Appropriate
Initials *	Number	of Cited Document	MM-DD-YYYY	
TH	5,644,354	Thompson et al.	7/1/1997	10/9/1992
	5,647,151	Fantone et al.	7/15/1997	12/30/1994
	5,673,089	Yuen et al.	9/30/1997	7/11/1996
	5,684,525	Klosterman	11/4/1997	3/28/1996
	5,689,353	Darbee et al.	11/18/1997	9/3/1996
	5,701,383	Russo et al.	12/23/1997	2/14/1995
	5,710,601	Marshall et al.	1/20/1998	2/9/1996
	5,727,060	Young	3/10/1998	6/16/1993
	5,410,326	Goldstein	4/25/1995	12/4/1992
	5,541,738	Mankovitz	7/30/1996	4/12/1994

	FOREIGN PATENT DOCUMENTS									
Examiner Initials *		Foreign Pat	tent Document		Name of Patentee or Applicant	Date of Publication of	Translation?			
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08A (10-96) use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FOREIGN PATENT DOCUMENTS									
Examiner Initials *		Foreign Pa	tent Document		Name of Patentee or Applicant	Date of Publication of Translation?			
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OTHER DOCUMENTS								
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No						

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U.S. PATENT DOCUMENTS													
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